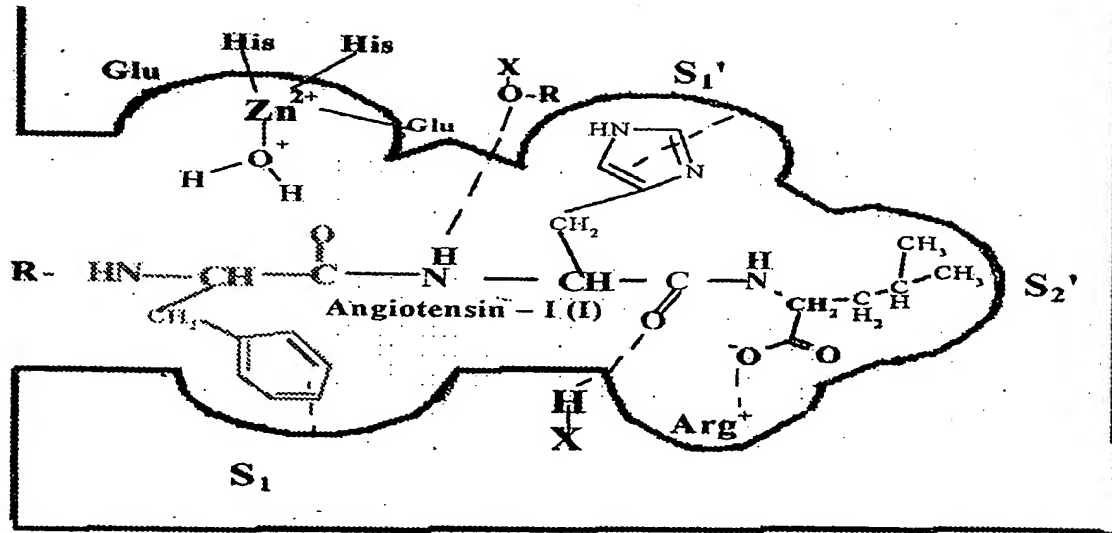
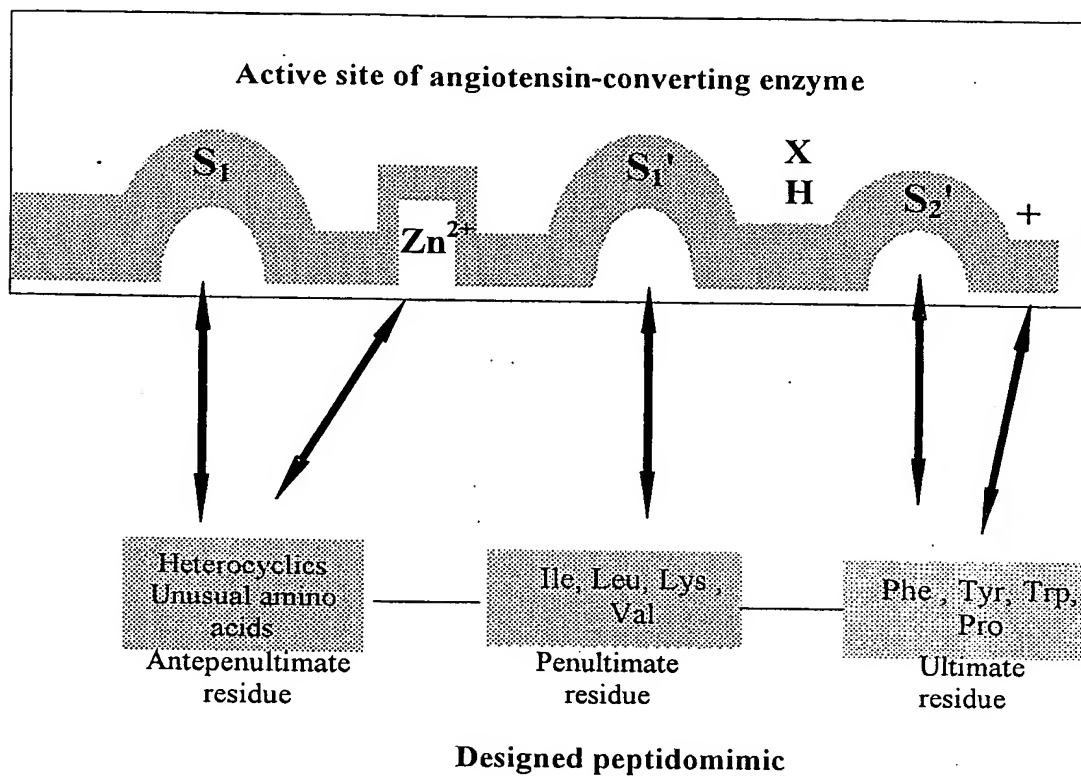


Figure 1: Role of Angiotensin Converting Enzyme in RAAS and KKP



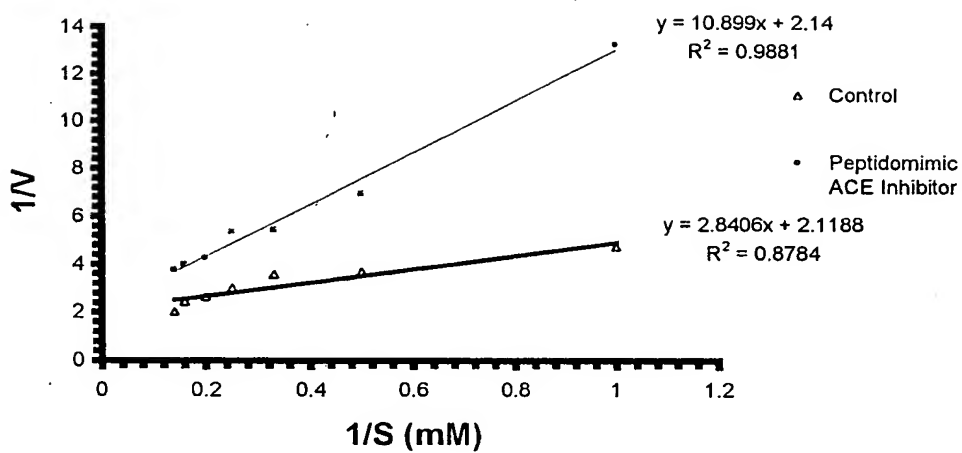
**Figure 2: Interaction of Ang I with the active site of angiotensin converting enzyme**



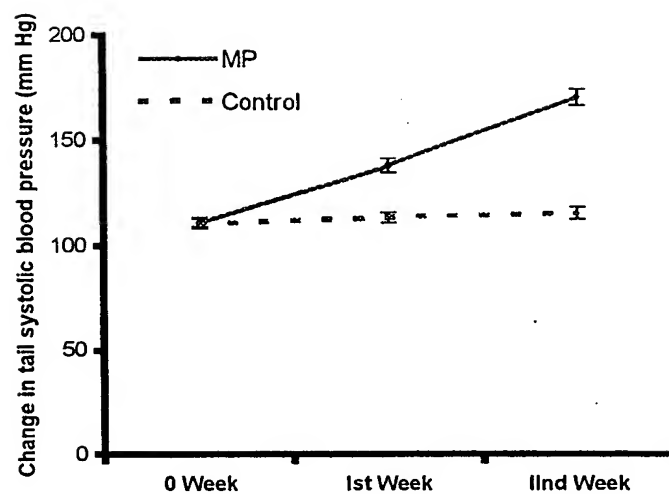
**Fig 3: Proposed interactions of designed peptidomimics with the active site of Angiotensin - converting enzyme**



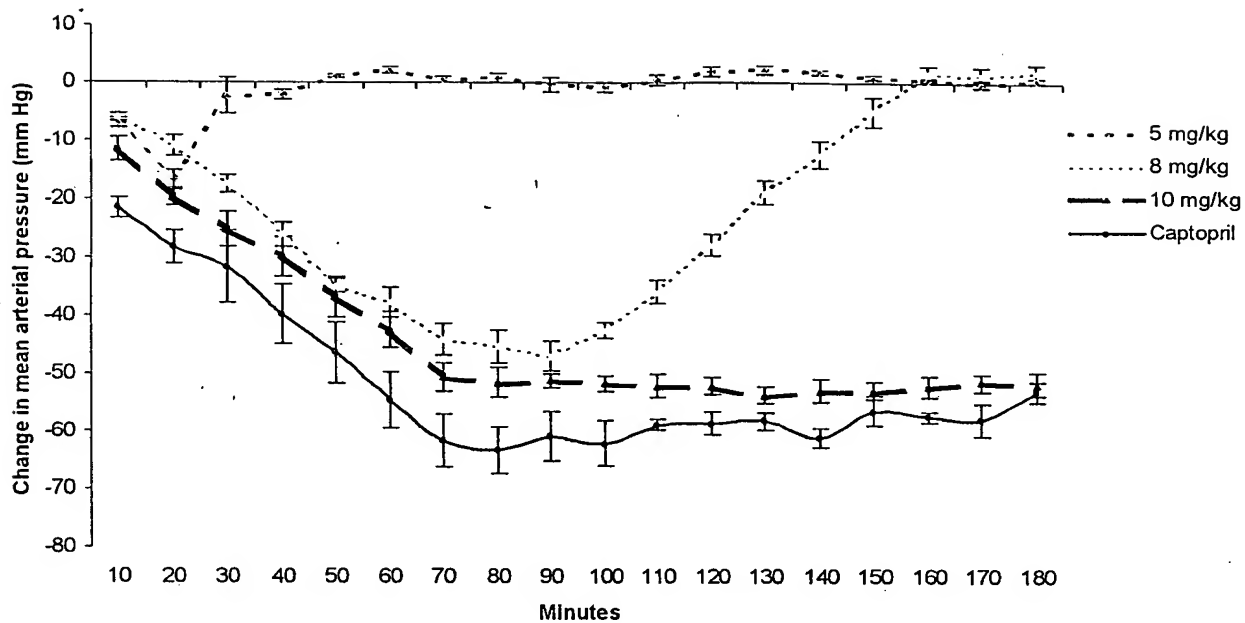
SERIAL NO.: 10/812,831



**Figure 4 :** Lineweaverburk plot for L-Abrine-Ornithine-Proline. IC<sub>50</sub> of L-Abrine-Ornithine-Proline was found to be 10 $\mu$ M.



**Figure 5:** Tail systolic pressure (TSP) in experimental and control group. Increments in TSP values for methylprednisolone induced experimental group was significantly different after 1<sup>st</sup> week ( $p < 0.05$ ) and 2<sup>nd</sup> week ( $p < 0.05$ )



**Figure 6:** Variation in blood pressure measured during i.v. administration of L-Abrine-Omithine-Proline at doses of 5 mg/kg, 8 mg/kg and 10 mg/kg. Fall of blood pressure at all doses was significant ( $p < 0.05$ ).